

VISHNUVARDHAN CHOWHAN

Data Analyst

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SUMMARY

Data Analyst with expertise in Python, SQL, and data visualization, skilled at transforming complex datasets into actionable insights. Experienced in ETL pipelines, reporting automation, scalable dashboards, and AI-driven solutions that accelerate decision-making and improve efficiency.

EXPERIENCE

06/2024 - Present

Hyderabad, India

Data Analytics & Automation Specialist

Bintix Waste Research – T-Hub



A research and innovation hub focusing on waste management solutions

- Engineered and deployed a modular **KPI dashboard** in Streamlit using **Python and Pandas**, automating multi-format and geography-specific reporting, and cutting manual work by 90%.
- Developed interactive dashboards using Streamlit and **Python Plotly** to track **brand performance** and **visualize consumer journeys**, accelerating insight generation.
- Created an **AI-powered Python tool** leveraging **NLP** (Gemini 2.5 API) to generate concise, **context-specific insights** and slide titles from FMCG datasets.
- Built a **New Launch Tracker Dashboard** powered by a **Python ETL pipeline** to monitor product launches across **2M+ SKUs and 6 metros**, enabling faster decision-making for marketing and sales teams.
- Engineered a **Python + SQL data cleaning solution** to prevent double-counting in consumption data by removing redundant barcode scans, improving analysis accuracy by 30%.
- Improved image database integrity by 30% using an AI-powered **Python scraper that extracts clean product images** from e-commerce platforms and validates them against barcodes with 95% accuracy.
- Crafted **insight-rich presentations** for **Fortune 500 clients** (L'Oréal, HUL, ITC), translating complex FMCG data into actionable strategies.

12/2022 - 01/2023

Thane, India

Data Scientist Intern

Kotak Mahindra Bank



A leading private sector bank in India

- Automated email triaging using Salesforce Einstein API, improving text classification accuracy by ~25% and reducing manual sorting time by 40%.

EDUCATION

11/2020 - 05/2024

Mumbai, India

B.Tech in Electrical Engineering

IIT Bombay



GPA 7.09 / 10

KEY ACHIEVEMENTS



End-to-End Data Automation and Client-Focused Insights

Delivered AI-driven dashboards and strategic insights that boosted operational efficiency by over 90% and empowered high-profile clients to make data-driven decisions.

SKILLS

Python Pandas C/C++ Streamlit MySQL GitHub Keras NLP NumPy OpenCV Plotly Excel PyTorch

Salesforce Scikit-learn Selenium Tableau TensorFlow VBA Embedded C Thinkcell

ACADEMIC PROJECTS

Advanced Machine Learning

📅 01/2023 - 06/2023 📍 Mumbai, India

Explored advanced machine learning techniques applied to medical diagnostics and audio classification.

- Built a U-Net model for image segmentation achieving 70% precision
- Trained a VGG16-based CNN ensemble for music genre recognition with AUC of 0.894
- Fine-tuned YOLOv5S for real-time ASL gesture recognition with a recall rate of 0.85